GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:2298
ANSWERED ON:06.03.2003
SAVE OF ELECTRICITY
BIR SING MAHATO

Will the Minister of POWER be pleased to state:

(a) whether the Government have done any work under the save electricity programme during the last two years;

(b) if so, the details thereof;

(c) the steps taken by the Government to encourage the save electricity programme and to execute it strictly; and

(d) the extent to which the Government has been successful in its efforts?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) & (b) : During the last two years, the Government have organized many mass awareness programmes through public interaction, road shows, audio-visual and print media. Every year, the Government of India celebrates 14th December as `National Energy Conservation Day` and on this occasion awards are given to selected industrial units for their exemplary work done in the field of energy conservation. 17 sub-sectors of the industries participate in the Award Scheme. The participating units, in the last 2 year schemes i.e. 2001 and 2002 have been able to collectively save 1126 million kWh of electrical energy at the end of 2001-02 which is equivalent to the energy generated from a 212 MW of thermal power station at a PLF of 60% as per the details given below :

Award Year (Financial Year)	Electrical Energy Million kWh	Equivalent Avoided Capacity in MW
2002 (2001-02)	1126#	212#
2001 (2000-01)	485	90

Includes recurring saving of 2000-01.

(c) & (d) : The Government of India, in recognition of the importance and benefits of energy efficiency has enacted `The Energy Conservation Act, 2001`. The Act has come into force on March 1, 2002. The Bureau of Energy Efficiency (BEE) has been established in March, 2002 as a national nodal agency to initiate and coordinate energy efficiency activities in the domestic, commercial, industrial and agricultural sectors through various regulatory and promotional instruments. The Bureau is to institutionalize energy efficiency services and establish delivery mechanisms for these activities, with the prime objective to reduce intensive and wasteful use of energy in the Indian economy. Bureau of Energy Efficiency has prepared an Action Plan which gives thrust on energy efficiency in industrial sector, standard & labeling for appliances, demand side management, energy efficiency in commercial buildings, energy conservation building codes, capacity building of energy managers and energy auditor, energy performance codes & manual preparation and awareness creation, etc.

To achieve energy efficiency in the industrial sector which consumes over 50% of all commercial energy, the Bureau has initiated action to develop capacity and capability among the energy managers in the designated consumers so that they are able to establish energy management system in the industry and creation of professional energy auditors who will provide quality energy auditing services. Benchmarking, fixation of energy consumption norms, waste heat recovery and process integration together with adoption of best practices will result in significant energy saving.

To introduce energy efficiency in buildings, the Bureau has undertaken the work of energy audit in 9 Central Government Buildings. It is hoped that the Central Ministries and Departments would be able to effect energy saving of about 30% during the next five years. The State Governments and Union Territory Administrations have also been advised to implement energy conservation measures in their Government Buildings and Establishments.